Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 16 Feb 2022 until 23:59 on Thursday 17 Feb 2022

Forecast Issued on Wednesday 16 Feb 2022 at 03:59

Confidence: High for the very unsettled and at times stormy conditions. Medium for cloud details. Medium in details from Friday.

Headline for Wednesday 16 Feb 2022: Gale force winds. Heavy rain at times. Stormy in the evening.

Mountain weather hazards on Wednesday 16 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Heavy Rain	Heavy rain showers (night)	Light rain showers (night)
Precipitation probability					
20%	20%	30%	70%	50%	50%

Forecast for Wednesday 16 Feb 2022

Weather: Dry with some early brightness, but soon cloudy and overcast with outbreaks of heavy rain. Drier spells and squally showers in the evening, these turning wintry over the tops. Gales and buffeting at height and turning stormy in the evening with gusts to around 80mph with the risk of being blown over.

Chance of cloud-free hill tops above 600m: 80% , deteriorating to 50% in heavy rain

Low cloud and visibility: Moderate or poor in rain and showers, very poor at times at height. Occasional cloud, base 600m or less at times in association with rain, but often above the tops in the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 16 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	37/45 W	34/43 W	32/42 SW	43/56 SW	44/59 W	47/62 W	43/57 W
300	25/33 SW	24/33 SW	25/34 SW	34/48 SW	35/50 W	36/52 W	34/50 W
Valley	13/31 W	15/33 W	15/33 SW	22/47 SW	24/51 W	27/54 W	25/49 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/2	7/1	7/1	9/3	6/-0	4/-4	3/-5
300	10/6	9/5	10/6	11/6	9/4	7/0	6/-1
Valley	10/7	10/6	10/7	11/7	9/5	7/2	6/1
Freezing Level*	1700m	1500m	2300m	2300m	1300m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A poor day overall, particularly later in the day with a marked deterioration in conditions from midday.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 16 Feb 2022	8.2mm	23.2mm	41.6mm

Forecast for Thursday 17 Feb 2022

Weather: Storm force winds and wintry showers overnight. Bright with scattered wintry showers during daylight hours, winds slowly easing but a severe wind chill for much of the time. Snow mainly above 500m. Mainly dry in the evening with a frost and some clear spells.

Maximum wind: West 40mph gusting 60mph in the early morning, decreasing 25mph gusting 35mph in the afternoon.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Occasional or scattered cloud, base mainly above the tops, but lowering significantly in wintry showers. Visibility mostly very good, but poor or very poor in showers.

Temperature: **Valleys:** Plus 3 to 7 Celsius falling to Zero Celsius in the evening.
At 600m: Around Zero Celsius
Freezing level: 600m

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